



Forest Insect & Disease Management

Report No.
79-3-35

AERIAL DETECTION SURVEY OF FOREST INSECT AND DISEASE ACTIVITY, TOMBIGBEE NATIONAL FOREST

LAND OWNERSHIP OR SURVEY AREA: **Tombigbee National Forest**
(Tombigbee Ranger District,
Trace & Grenada Units)

STATE: **Mississippi**

AREA WITHIN SURVEY BOUNDARY: 119,155 Acres

DATE: August 22, 1979

PERCENT COVERAGE: 50%

AIRCRAFT: Cessna 172

CREW: B.I. Hammond, W.A. Carothers

REPORT PREPARED BY: W.A. Carothers

SURVEY OBJECTIVES

To detect and locate Southern Pine Beetle infestations within the boundaries of the Tombigbee National Forest.

SURVEY RESULTS:

One-hundred ninety-six suspected Southern Pine Beetle spots were observed and mapped. Size of the spots ranged from 1-200 trees per spot (refer to table). The observed infestations were well distributed throughout the Tombigbee National Forest and the Trace & Grenada units (refer to map).

CONCLUSIONS

Southern Pine Beetle activity is at a high level on the Tombigbee Ranger District, Trace and Grenada units. A biological evaluation is currently being conducted by the Alexandria Field Office of Forest Insect and Disease Management.

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Table 1: Summary of Aerial Survey Data, Tombigbee National Forest

Infestation Size (# Trees)

1		2-5		6-20		21-50		51-100		101+	
Spots:Trees		Spots:Trees		Spots:Trees		Spots:Trees		Spots:Trees		Spots:Trees	
4	4	15	61	66	995	52	2060	39	3790	20	3850

For any additional information, contact:

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